Center of Excellence in Disaster Management & Humanitarian Assistance

The Center of Excellence was founded in 1994 because these scenarios…

- **Natural disasters**
- **Complex emergencies**
- **Consequence management**

(radiological, biological and chemical terrorist events)

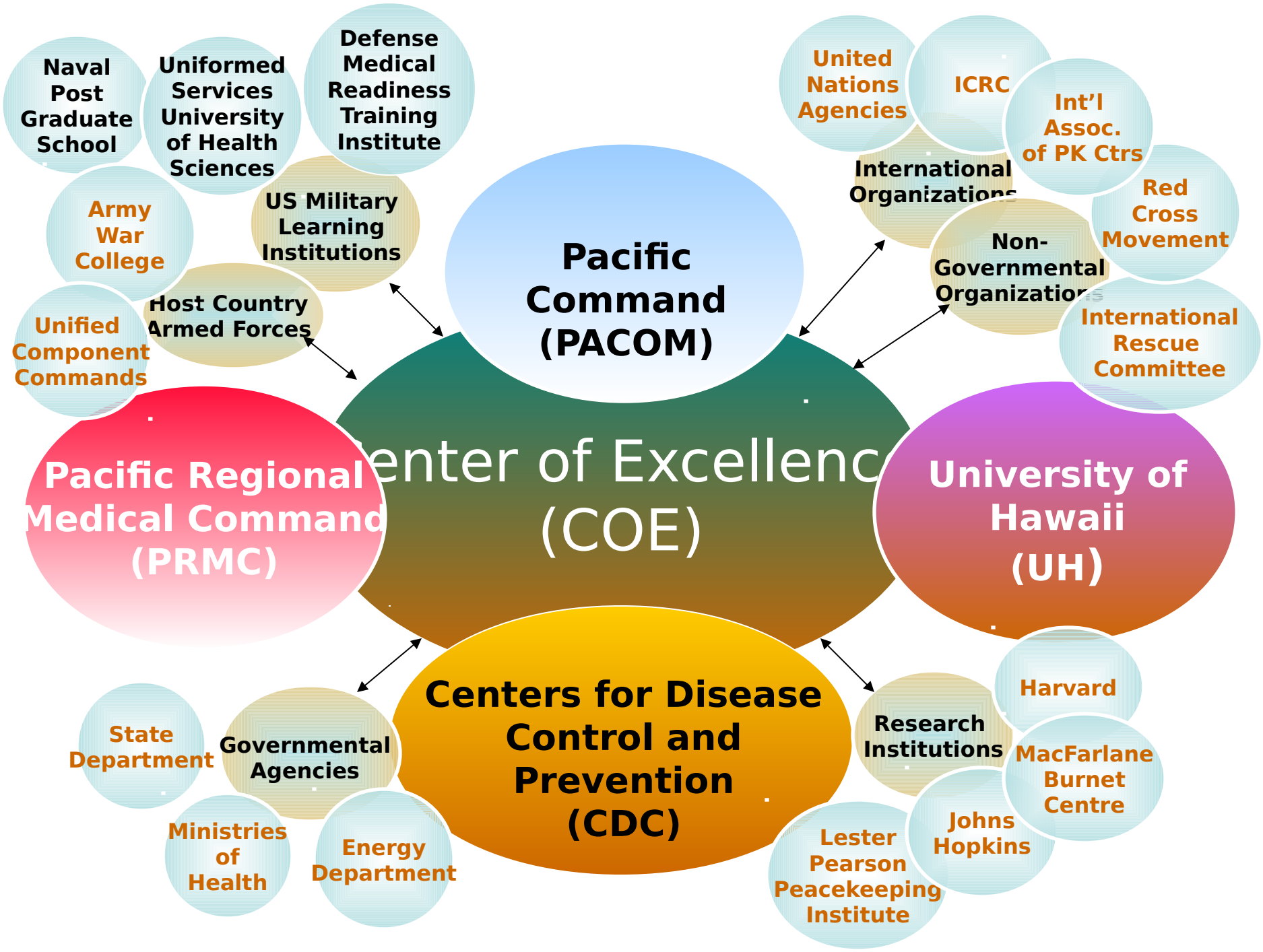
…demanded an integrated solution

- **Education and training leading to recognized certification**
- **Scholarly research to support operational readiness**
- **Coordinated information sharing**

The Center's Mission

To facilitate civil-military operations and cooperation through:

- **Integrated education & training**
- **Collaborative research**
- **Information management**
- **Operational readiness**

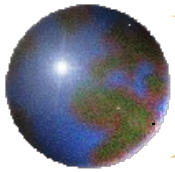

Naval Post Graduate School
Uniformed Services University of Health Sciences
Defense Medical Readiness Training Institute
United Nations Agencies
ICRC
Int'l Assoc. of PK Ctrs
International Organizations
Red Cross Movement
Non-Governmental Organizations
International Rescue Committee
Army War College
US Military Learning Institutions
Host Country Armed Forces
Unified Component Commands
Pacific Command (PACOM)
Pacific Regional Medical Command (PRMC)
enter of Excellenc
(COE)
University of Hawaii (UH)
Centers for Disease Control and Prevention (CDC)
State Department
Governmental Agencies
Ministries of Health
Energy Department
Harvard
Research Institutions
MacFarlane Burnet Centre
Johns Hopkins
Lester Pearson Peacekeeping Institute

BACKGROUND

- Center of Excellence established in 1994
- Title 10 us code, section 182
  - Facilitate civil-military ops
  - Education, training, research and assistance
  - Interagency / international operations coordination
  - Additional thrusts

Mission

- **To support preparations for and the mitigation of humanitarian emergencies through collaboration and civil-military cooperation**
  - **Peace Operations**
  - **Humanitarian Assistance**
  - **Disaster Management**



COE
Civil - Military Coordination

Disaster Management

Humanitarian Assistance

Peace Operations

Publications

Technical Support Programs

World **H**ealth **O**rganization

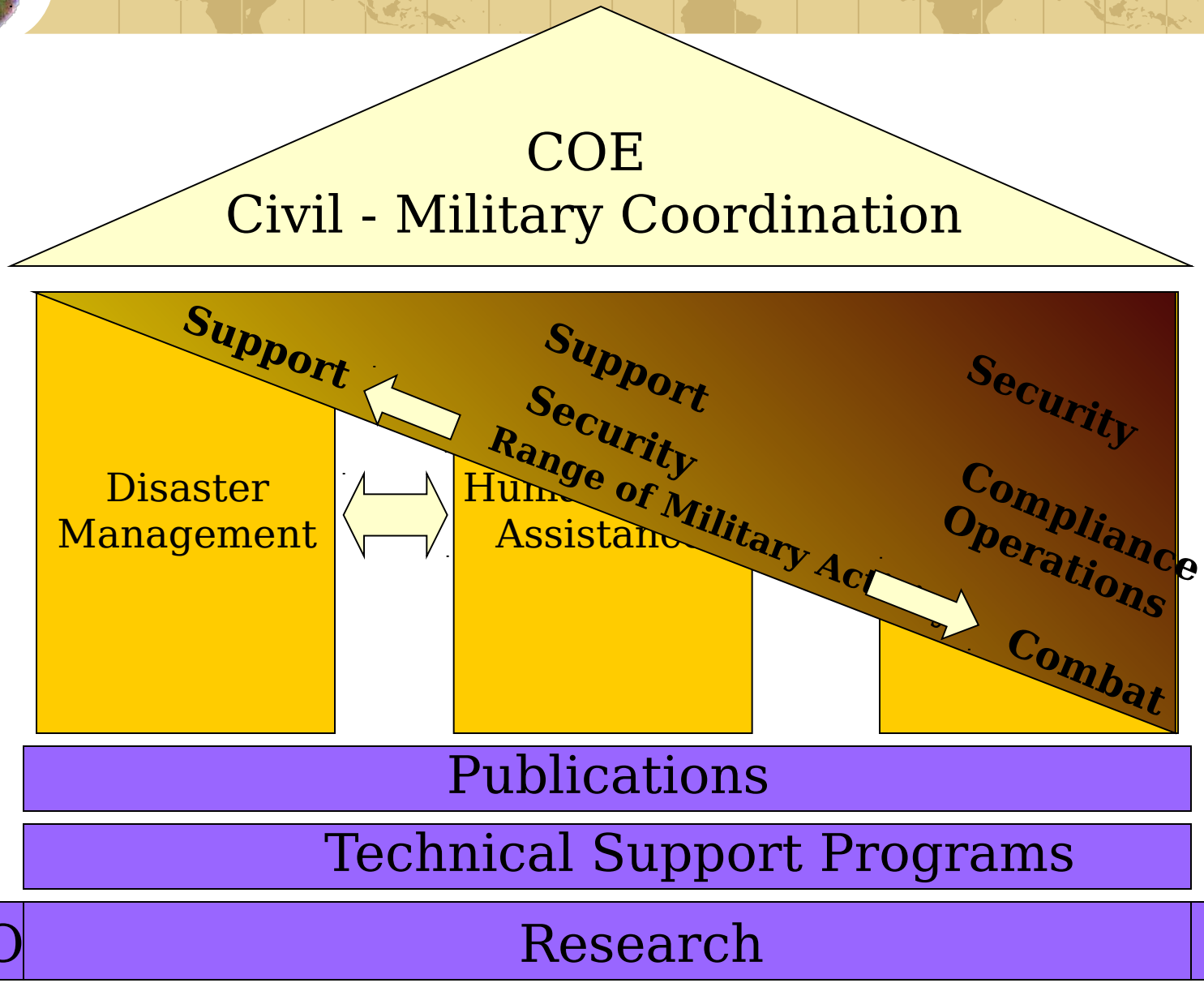
Research

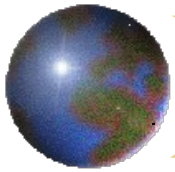
Centers for **D**isease **C**ontrol and Prevention

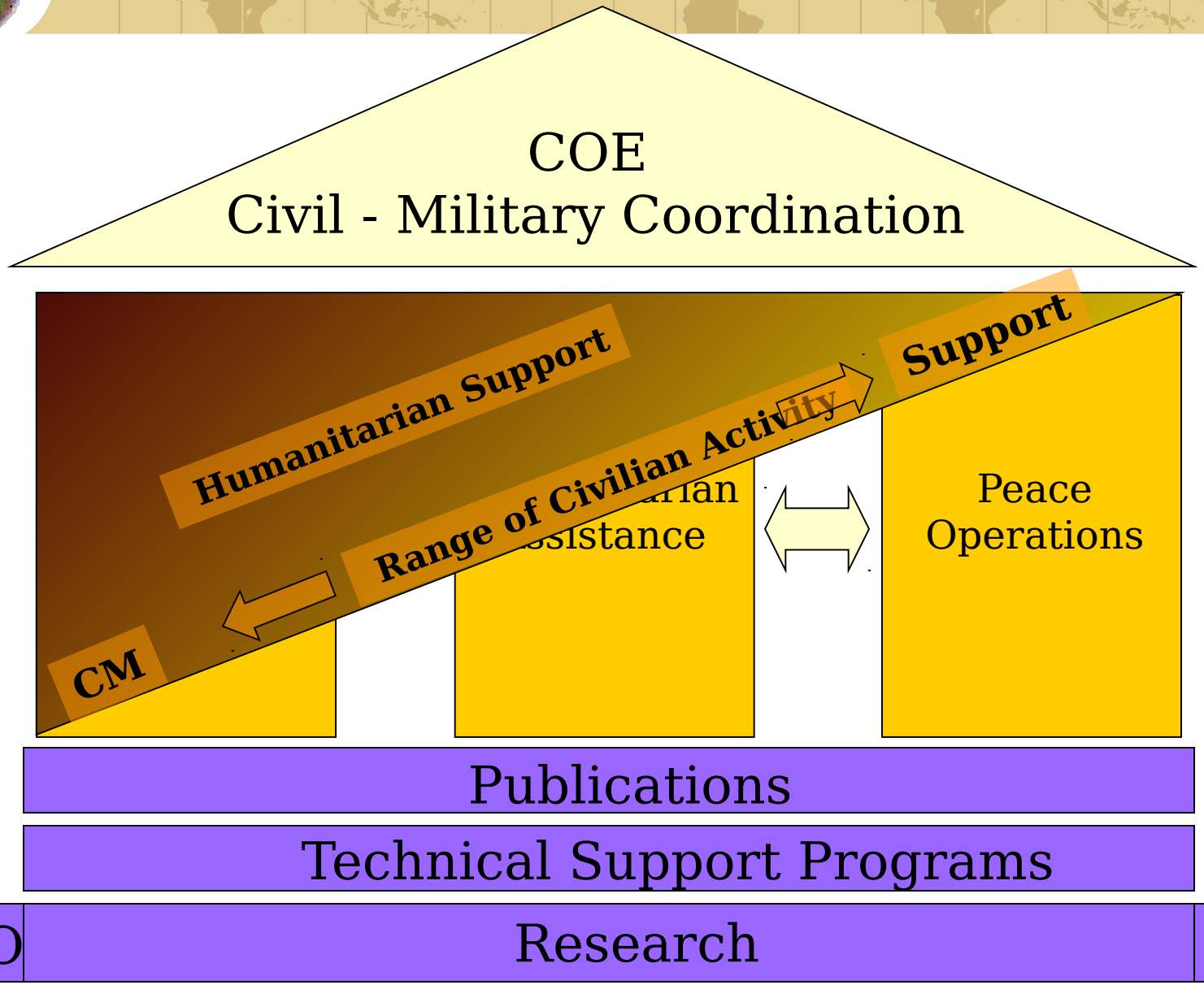
Role

Expertise

Support


COE
Civil - Military Coordination
Support
Support
Security
Security
Range of Military Act
Compliance
Operations
Combat
Disaster
Management
Publications
Technical Support Programs
WHO
Research
CDC




COE
Civil - Military Coordination
Humanitarian Support
Support
Range of Civilian Activity
CM
ssistance
Peace
Operations
Publications
Technical Support Programs
WHO
Research
CDC

Core Tasks

- **Task 1 - Prepare curricula / training materials**
- **Task 2 - Provide expert training assistance**
- **Task 3 - Gather data / share knowledge**
- **Task 4 - Conduct applied research**
- **Task 5 - Develop assessment methodologies and risk indicators**
- **Task 6 - Provide on-scene advice and facilitation for civilian and military partners**

PARTNERS

- TRIPLER ARMY MEDICAL CENTER
- UNIVERSITY OF HAWAII
- CENTERS FOR DISEASE CONTROL AND PREVENTION
- PACIFIC COMMAND

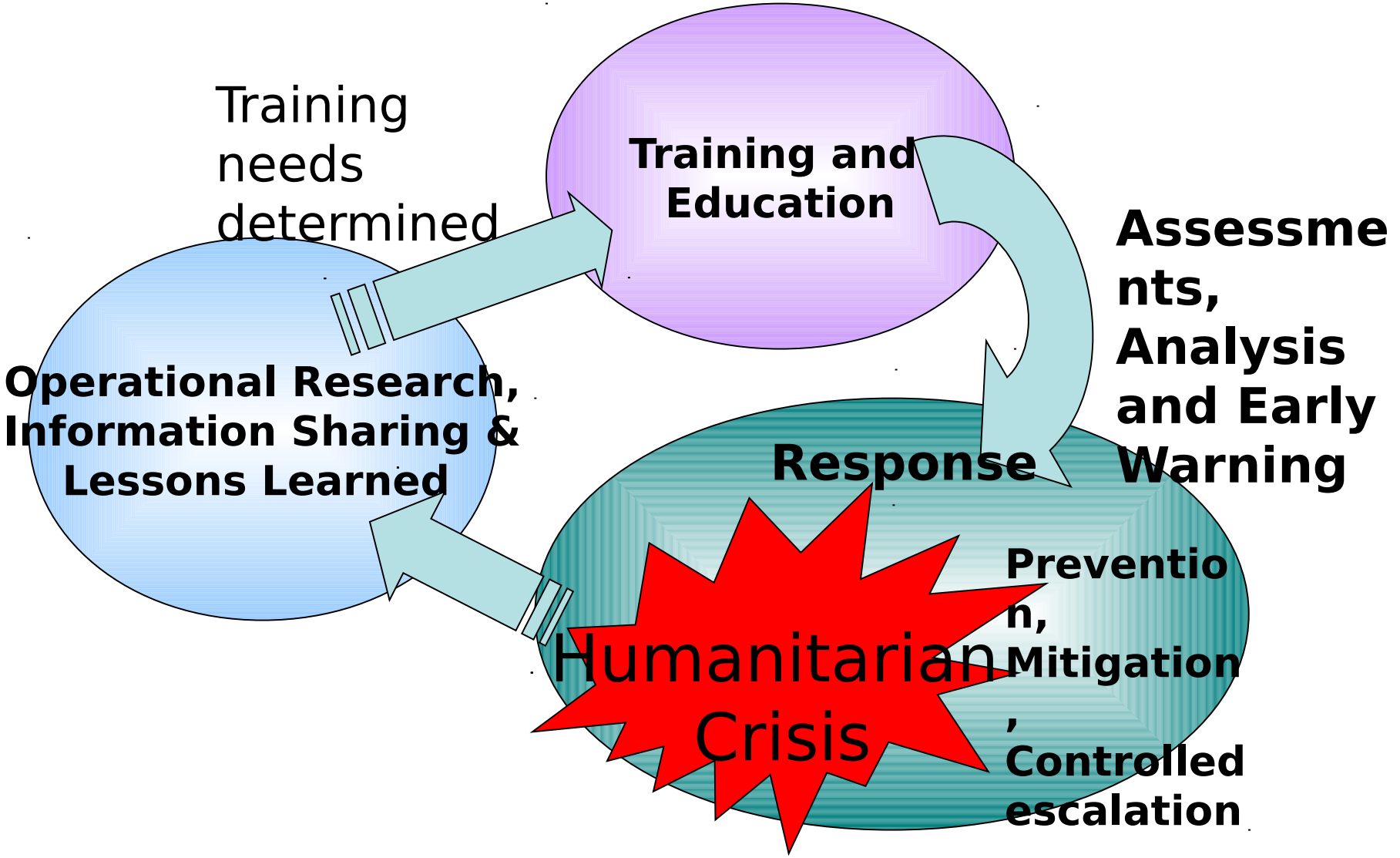
KEY COLLABORATORS

- NAVAL POSTGRADUATE SCHOOL
- UN DEPARTMENT OF PEACEKEEPING OPERATIONS
- WORLD HEALTH ORGANIZATION
- DEFENSE MEDICAL READINESS TRAINING INSTITUTE

COE Functional Areas

- Education and Training
- Public Health
- Information
- Applied Research

Crisis Response Cycle



Education and Training

- **Education**
  - HA/DR: **CHART, HELP, BCC, TAP, UH**
  - Peace Ops: **Multi-national seminars, symposia, and games**
- **Training/Exercises**
  - **Multi-national, multi-dimensional exercise planning and execution**
  - **National training assistance--exercises and training centers**
- **Analysis of Education/Training Issues**
  - **Readiness / Measures of Success / Lessons Learned**
- **Develop and Publish Education & Training Material**

Combined Humanitarian Assistance Response Training (CHART)

- US and foreign agencies and armed forces active in disaster management
- Operationally focused
- Customized to suit audience needs
- Training of Trainers

Health Emergencies in Large Populations (HELP) Course

- **Collaborative effort of COE, ICRC, PAHO, Johns Hopkins**
- **Other operational modules developed by COE**
- **Integrated across agencies**

Battlefield Care Course (BCC)

- **Compliments Advanced Trauma Life Support and CHART Courses**
- **Developed for operators through a team approach**
- **2 day course for health care providers in the austere environment**

Applied in BAKER MALDEMERE VI (MEDRETE to Maldives: 5/99) and MEDCEUR (CHART/BCC to Latvia: 6/99 - 7/99)

UH-COE DIPLOMA

- Multi-departmental courses leading to Diploma under UH Department of Social Sciences
- Offered as combined, separate, credit and non-credit
  - International
  - National & local
  - Policy level to Manager &1st Responder
- Anticipated Master and Ph.D degrees

Training/Exercises: Cobra Gold 00

- Shift of exercises from strictly war-fighting to recognition of the Peace Keeping/Humanitarian Assistance components
- Provision of subject matter experts for green cell and players
- Evaluation of results; applications of real world lessons learned

Public Health

- Technical Consultation
- Disaster and Humanitarian Information Systems
  - Pacific Islands disaster plans
    - assessment activity
    - assessment tool development
  - Handheld platform for Early Warning Outbreak Recognition System (EWORS/NAMRU-2)
  - Standardized web tools for access to disaster/public health assessment information

Partnership in the Asia-Pacific Region

CDC's conduit for humanitarian assistance for public health training, research and information sharing.

Through two resident staff:

- **Project Manager manages and chairs research program**
- **Research Physician performs assessments, training, operational research**

World Health Organization

Collaborating Center

for

Humanitarian Civil-Military Cooperation

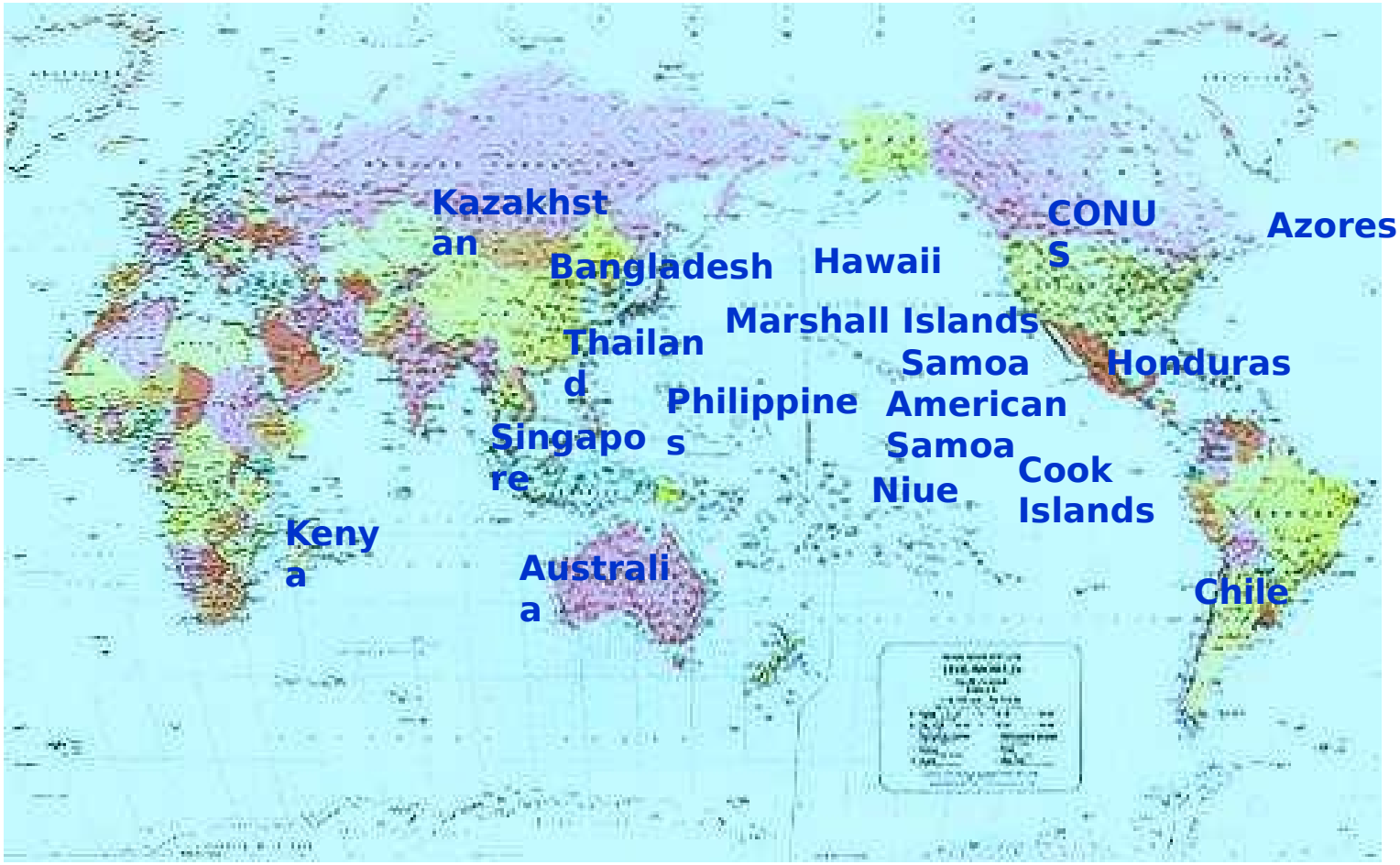
WHO may call upon the Center of Excellence for expertise on civil-military cooperation during a crisis

Information

- **Full open-source Virtual Information Center (VIC) partner with USCINCPAC and Pacific Disaster Center (PDC)**
- **Participating in regional Global Disaster Information Network (GDIN)--executive order**
- **Experimental analysis of open source data with VIC and Harvard University**
- **Non Governmental Organization and Humanitarian Assistance/Disaster Recovery lessons-learned data bases**

Applied Research

- Read, parse, and analyze news reporting for:
  - violence
  - security
  - economic
- Field test event reporting system with UNICEF
- Assess use in consequence management


Kazakhstan
Bangladesh
Hawaii
CONUS
Azores
Marshall Islands
Thailand
Samoa
Honduras
Philippines
American Samoa
Singapore
Niue
Cook Islands
Kenya
Australia
Chile

COE : ASIA

Kazakhstan: CENTRASBAT Exercise Peace Ops SMEs - September 2000

Bangladesh: Peace Operations Game - APRI - September 2000

Thailand: Cobra Gold Exercise Development and Role players - May 2000

Peace Operations Training - APRI June 2000

Peace Operations Capacity Building Symposium - APRI - July 2000

Philippines: Peace Ops Capacity Building Leadership Seminar - APRI - June 2000

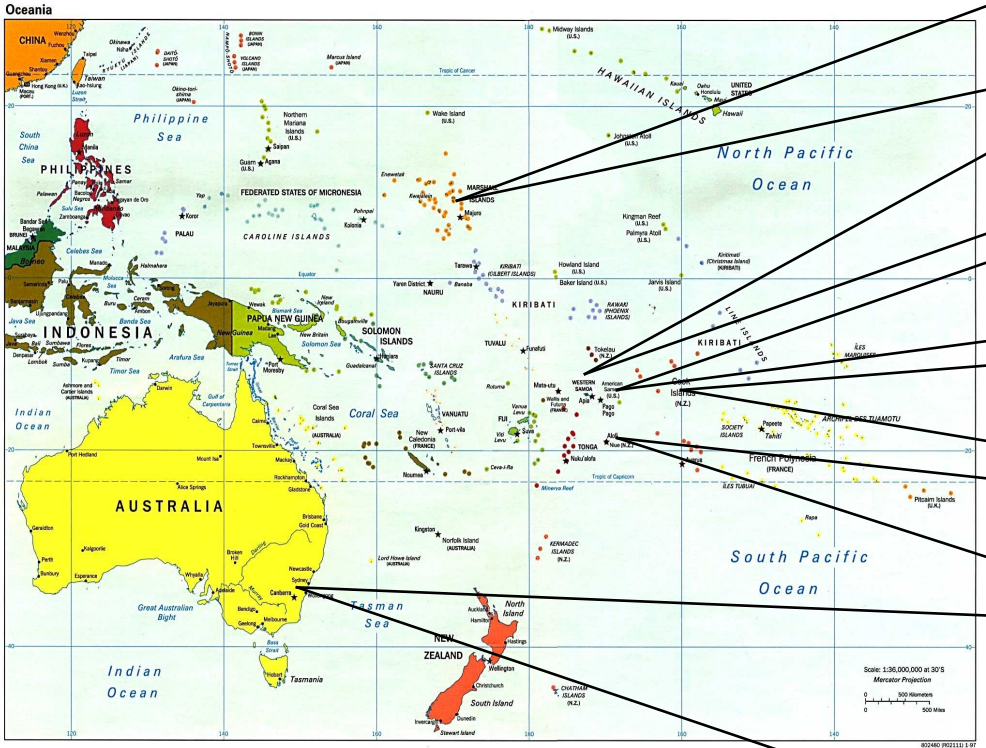
Balikatan Exercise support - Sept. 2000

SAGIP Game support - October 2000

Singapore: Asia-Pacific Military Medical Conference support - May 2000

ASEAN CHART Course - August 2000

COE : PACIFIC



Marshall Islands: Primer/Disaster Preparedness Assessment - Sept 2000

Samoa: Primer/Disaster Preparedness Assessment - July 2000

American Samoa: Primer/Disaster Preparedness Assessment - July 2000

Cook Islands: Primer/Disaster Preparedness Assessment - July 2000

Niue: Disaster Preparedness Conference - September 2000

Australia: Global Disaster Information Network Regional Group Meeting - Aug. 2000

Regional Peace Ops Seminar support - Oct./Nov. 2000

COE : Hawaii / CONUS

Bangor, Washington: CHART Course -June 2000

Columbus, Ohio: International Humanitarian Law Course - Sept. 2000

Monterey, California: EIPC Phase two Training support - July 2000

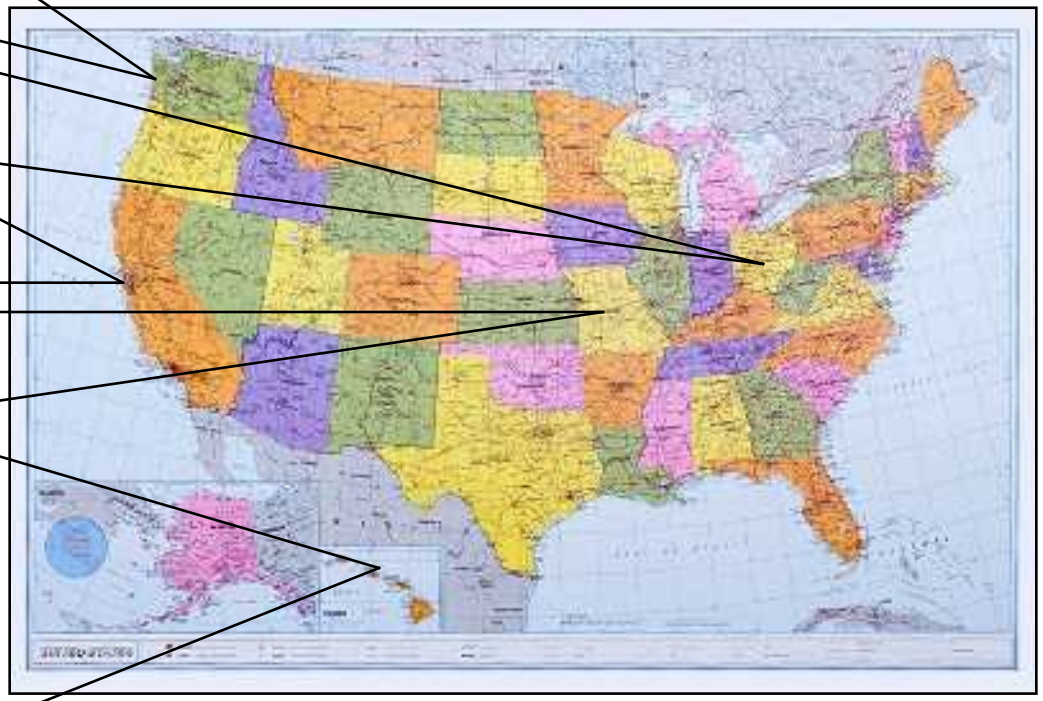
Leavenworth, Kansas : HA Seminars, CHART Course - May 2000

Hawaii: HELP Course - July/Aug. 2000

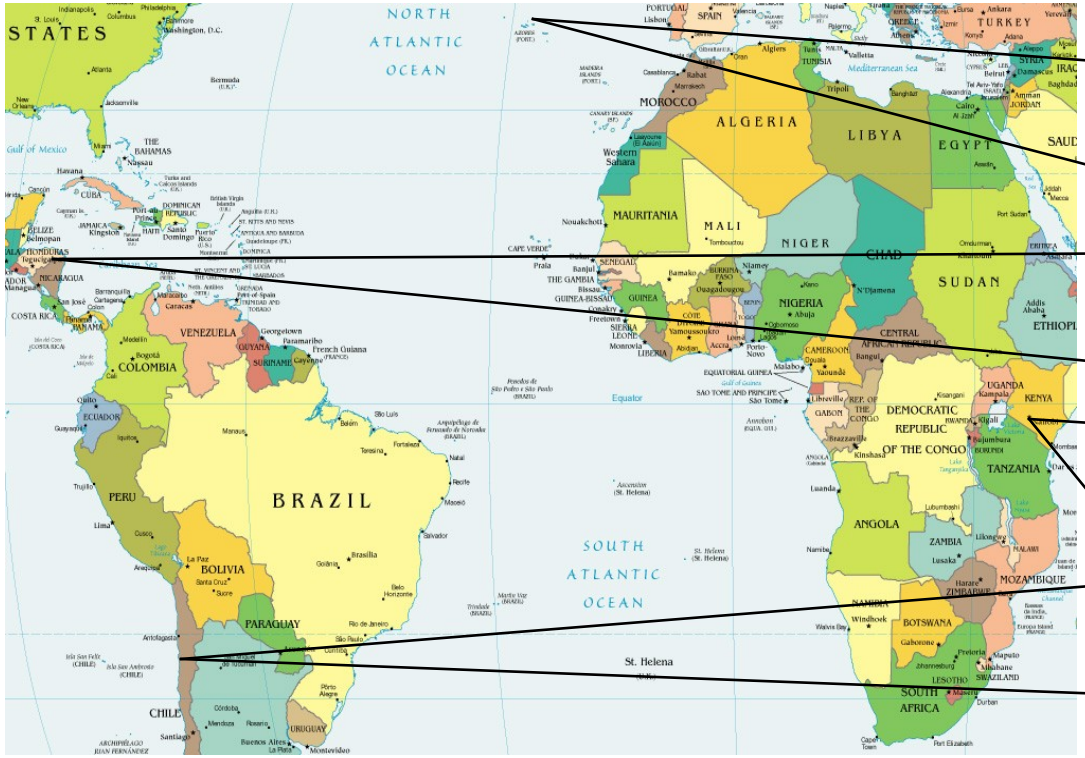
Seminar in Disaster Management, University of Hawaii - Aug. - Dec. 2000

Asia Pacific Center for Security Studies Course support - Ongoing

Asia Pacific Daily Report - Continuous



COE : LATIN AMERICA/ AFRICA



Azores: Naval PG School Training support - September 2000

Honduras: PKO North 2000 Exercise support - August 2000

Kenya: Golden Spear Exercise with MARFORPAC - July 2000

Chile: Peace Keeping Seminar support - May 2000

In summary, the Center of Excellence…

- **Addresses current gaps**
- **Fulfills both civilian and military disaster management needs**
- **Breaks down barriers to communication**
- **Fosters trusted partnerships**
- **Anticipates new challenges**